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1981/04/10



~~CONFIDENTIAL/NOPORN~~

OFFICE OF THE SECRETARY OF DEFENSE

WASHINGTON D.C. 20301

April 10, 1981

MEMORANDUM FOR B. C. EVANS
EXECUTIVE SECRETARY
CENTRAL INTELLIGENCE AGENCY

SUBJECT: Potential Munitions and Commodity Export Cases
with China.

As part of the ongoing review of U.S. policy with respect to China, DoD has been working with other government agencies to identify various categories of defense-related equipments which are under consideration for provision to China. (G/NF)

It is requested that the appropriate personnel at the Agency review this draft package and provide us comments on:

- a. Chinese need for materials described herein;
- b. the ability of the Chinese to pay for and/or use these materials; and
- c. expected Soviet reaction if the U.S. were to provide any or all of these items.

Any other comments you feel are germane to the general subject of such a relationship with the Chinese would also be appreciated. (G/NF)

A response by 1 May would be appreciated (if that is not reasonable, please let me know). (U)


H. Rixse
The Special Assistant

Attachment

DECLASSIFIED BY AUTOMATIC DE

04-20

21 APR 1981 93-02441

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DATE

CASE #

Spc Amt
9 APR 1981

SEC DEF CONTR No. X13803

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

AM 001 March 1961

Report of 100 Cases referred to DDCI by Office of Mission Control, Department of State

Central Station Summary

DDCI
a. Pending 16 (6 original items, 10 to the Department of State - 2 to Mission Control)
b. Closed 6 (6 original items, 4 to the Department of State - 2 to Mission Control)

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Report on TECHNICAL DATA FOR AIRCRAFT INSPECTION (PART 1) Licenses

Case No.	Date	Company	Description	Comments	Entered/Entered by	Entered/Entered by
101074	7 Apr 80	Briggs Com., Inc.	4/7/80 - 24, 26/7/80 - 11, 28/7/80 - 41, 30/7/80 - 11A	Closed - No Objection	Approved 4 Apr 80	
102224	4 Apr 80	Calumet Systems, Inc.	LTM-51/110 System Test Station	Closed - Objection 11 Apr 80	Disapproved	
102111	3 Apr 80	EFCCO, Inc.	10/11/80 Computerized Test Station Acuity Control System	Closed - No Objection	Approved 13 Apr 80	
101543	20 Mar 80	Lockheed Aircraft Corp - Customer C-130	KA-9-11000 F/A Cargo and Transport Customer C-130	Closed - No Objection	Approved 19 Jun 80	
100444	20 Mar 80	Quality Tire & Rubber Co - South Commerce Building	Terrell Imaging Radar System Test System	Closed - Objection by Applicant		
101793	31 Mar 80	Skycorp Helicopters	Sohaco Helicopter	Closed - No Objection	Approved 1 Jun 80	
100479	10 Apr 80	Spelcom	Telecom Corp - Spelcom Satellites	Closed - Objection by OMC	Approved 10 Jul 80	
100490	10 Apr 80	Spelcom	Spelcom Satellites	Closed - Objection by OMC	Approved 10 Jun 80	
101120	11 Apr 80	Spacelab	Aircraft & Helicopter Maintenance Program	Closed - Objection by OMC	Approved 10 Jun 80	
101794	15 Apr 80	Spacelab	Spelcom Satellites	Closed - Objection by OMC	Approved 10 Jun 80	

Effect of Technical Data on Test Coverage (Test Coverage %)

Case No.	Subject	Date	Open Technical Information		Closed Technical Information	
			Deficiency	Object	Deficiency	Object
107711	General System	26 Aug 80	Ground Surveillance Radar		Closed - the detection of targets in	
107712	Trademarco	6 May 80	MTI Field Protective Radar	Closed - visibility by DMC	18 Jun 80	
107713	Levy Shuler, Inc.	6 May 80	Onsite mobile Velocity Radar	Closed - visibility by DMC	18 Jun 80	
107714	General Signal Corp.	12 May 80	Tactical Transportable Air Surveillance Radar System	Closed - visibility by DMC	18 Jun 80	
107715	AT&T (Bellcore)	18 May 80	Automatic Prediction and Teaching System	Closed - visibility by DMC	18 Jun 80	
107716	Systems, Inc.	20 May 80	AT&T-1A (Tactical Radar Set)	Closed - the detection of targets in	18 Jun 80	
107717	Impeco Aircraft Co.	13 Jun 80	Technical Detection System	Closed - the detection of targets in	18 Jun 80	
107718	Elmex Co.	23 Jul 80	Automated Aerospace Control System	Closed - the detection of targets in	18 Jun 80	
107719	Systems, Inc.	16 Jul 80	Tactical C-130 Instrument Flight Simulator	Closed - the detection of targets in	18 Jun 80	
107720	Tronics Corp.	7 Aug 80	AT&T-1A (Tactical Radar Set)	Closed - the detection of targets in	18 Jun 80	
107721	General Dynamics	26 Aug 80	Technical Data - Specimen 870	Closed - data	18 Jun 80	

Case No.	Date	Complaint	Description	Disposition	Entered Date
9-17636	19 Feb 80	Telephones, Inc.	Ref/PLC-71 Radio 80	Closed - no objection	Approved 8
9-17637	19 Feb 80	Telephone Company	Ref/CLC-71 Facsimile Transceiver	Closed - no objection	Approved 8
9-17638	19 Feb 80	International Telephone	Ref/ATC-150 Telephone, Ref/ATC-150 Facsimile, Ref/ATC-150 Radio, Ref/ATC-150 Teletype, Ref/ATC-150 Telex, Ref/ATC-150 Teletext, Ref/ATC-150 Teletext/Facsimile	Closed - no objection	Approved 8
9-17639	19 Feb 80	International Telephone	Ref/ATC-150 Facsimile/Facsimile/ATC-150	Closed - no objection	Approved 8
9-17640	27 Mar 80	International Telephone	Ref/ATC-150 International Telephone/Facsimile	Closed - no objection	Approved 8
9-17641	28 Mar 80	International Telephone	Ref/ATC-150 International Telephone/Facsimile	Closed - no objection	Approved 8
9-17642	21 Apr 80	Ericsson	Ref/ATC-150 Telephone, Ref/ATC-150 Facsimile, Ref/ATC-150 Radio, Ref/ATC-150 Teletype, Ref/ATC-150 Telex, Ref/ATC-150 Teletext, Ref/ATC-150 Teletext/Facsimile	Closed - no objection	Approved 8
9-17643	2 May 80	International Telephone, Inc.	Ref/ATC-150 Telephone, Ref/ATC-150 Facsimile, Ref/ATC-150 Radio, Ref/ATC-150 Teletype, Ref/ATC-150 Telex, Ref/ATC-150 Teletext, Ref/ATC-150 Teletext/Facsimile	Closed - no objection	Approved 8
9-17644	2 May 80	AT&T	Ref/ATC-150 Telephone, Ref/ATC-150 Facsimile, Ref/ATC-150 Radio, Ref/ATC-150 Teletype, Ref/ATC-150 Telex, Ref/ATC-150 Teletext, Ref/ATC-150 Teletext/Facsimile	Closed - no objection	Approved 8
9-17645	2 May 80	Ericsson	Ref/ATC-150 Telephone, Ref/ATC-150 Facsimile, Ref/ATC-150 Radio, Ref/ATC-150 Teletype, Ref/ATC-150 Telex, Ref/ATC-150 Teletext, Ref/ATC-150 Teletext/Facsimile	Closed - no objection	Approved 8
9-17646	2 May 80	AT&T	Ref/ATC-150 Telephone, Ref/ATC-150 Facsimile, Ref/ATC-150 Radio, Ref/ATC-150 Teletype, Ref/ATC-150 Telex, Ref/ATC-150 Teletext, Ref/ATC-150 Teletext/Facsimile	Closed - no objection	Approved 8
9-17647	2 May 80	Ericsson	Ref/ATC-150 Telephone, Ref/ATC-150 Facsimile, Ref/ATC-150 Radio, Ref/ATC-150 Teletype, Ref/ATC-150 Telex, Ref/ATC-150 Teletext, Ref/ATC-150 Teletext/Facsimile	Closed - no objection	Approved 8
9-17648	16 May 80	Telephones, Inc.	Ref/CLC-71 Facsimile	Ref/CLC-71 Facsimile system	Approved 8

Temporary Survey of Major Components in Existing Concentration Camps - 1945

Case No.	Date	Location	Object	Description	Case Status	Case Disposition	Case Status	Case Disposition
P-17643	26 May 45	Neustadt	GR-1148	GR-1148 (MP) and various Radio, GR-1148 VHF Radio, Report Radio, GR-1148/ADC-1148 VHF Remote Radio	Closed - no Objection	Approved	Closed - no Objection	Approved
P-17644	26 May 45	Neustadt	GR-1148	GR-1148 Radio with short antenna, GR-1148/ADC-1148 VHF Battery Charger - and Electrical Battery, and Technical Manual	Closed - no Objection	Approved	Closed - no Objection	Approved
P-17645	27 May 45	B-Objection	1 mm	GR-1148-41 Tach and Stop Watch Set	Closed - no Objection	Approved	Closed - no Objection	Approved
P-17646	27 May 45	General Dynamics	1 mm	Lightweight Ground Surveillance Sight	Closed - no Objection	Approved	Closed - no Objection	Approved
P-18017	27 Jun 45	Lichten	1 mm	Interactive Display Terminal (IDT) closed - no Objection	Closed - no Objection	Approved	Closed - no Objection	Approved
P-18163	3 Jul 45	Wolfsburg-Johann	HF Receiver	HF Receiver	Closed - no Objection	Approved	Closed - no Objection	Approved
P-18202	9 Jul 45	Empfelle Elektro-Ind.	1 mm	EG-100 Bunker Electro-magnetic Environment Simulator	Closed - Withdrawn by Application	Approved	Closed - Withdrawn by Application	Approved
P-18204	16 Jul 45	Tobolow	1 mm	Optical Ray Gun - 125 a Computer and Display	Closed - no Objection	Approved	Closed - no Objection	Approved
P-18206	23 Jul 45	Trutne	1 mm	AB-40 Countermeasures Dispensing System	Closed - no Objection	Approved	Closed - Withdrawn by Order	Approved
P-18211			1 mm	Sight Vision Devices	Closed - Withdrawn by Order	Approved	Closed - Withdrawn by Order	Approved

AMENDMENT ON WHICH OF SALES AND EXPORT OF EQUIPMENT

Case No.	Date Entered	Company	Description	Contract/Permit Status/Objection		Date Entered	Case No.
				Contract Status	Permit Status		
OC-4913	11 Jun 80	Aviation Simulation, Inc.	GPS computer generated flight training for flight simulation (Component for NASA flight trainer)	Closed - No Objection	PA	1 Jun 80	
OC-4914	19 Jun 80	America Electronic Lab.	AVS System (including Camera and Optical Interface)	Closed - No Objection	PA	4 Jun 80	
OC-4915	25 Feb 80	Avtron Electric	Proresence Transducer	Closed - No Objection	PA	4 Jun 80	
OC-4916	25 Feb 80	Teletype Systems, Inc.	MT/AB-123 Tactical Navigation Set for Air Helicopter	Closed - Objection by DMC	PA	14 Jul 80	
OC-4917	25 Feb 80	Boeing Corp.	CH-47 Chinook Helicopter	Closed - No Objection	PA	10 May 80	
OC-4918	19 Feb 80	Gulf & Western Ind.	Small Caliber Arms Manufacturing	Closed - Objection by DMC	PA	3 Mar 80	
OC-4919	19 Feb 80	Galotek, Inc.	Generic Communications Equipment for Radar	Closed - No Objection	PA	16 Apr 80	
OC-4920	1 Mar 80	General Electric	Ground Based Radar	Closed - Objection by DMC	PA	1 Jun 80	
OC-4921	17 Mar 80	Arvin Corp.	MT/TC-93A and MT/TC-93B Frequency Sensitive Custo. Systems	Closed - No Objection	PA	4 Jun 80	
OC-4922	24 Mar 80	Westinghouse	TFB-41 Radar	Closed - No Objection	PA	3 Jun 80	
OC-4923	5 Aug 80	Westinghouse	Relocated mobile Operation Center	Closed - Objection by DMC	PA	1 Aug 80	
			by Department of Defense				

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Case No.	Serial	Category	Comments	Description	Standby/Disposition	Current Status
OC-44316	12	None	None	Air/778-61 Radar	Open	Planned
OC-44320	22	None	None	Air/778-61 Radar	Open	Planned
OC-44351	4	None	Patrol	Mobile Tactical Reconnaissance Facility & Long Range Aerial Photographic System	Closed - No Object	Approved 4 May 80
OC-44371	0	None	None	M54A2 Cargo Carrier & M113A2 Fitter Recovery Vehicle	Closed - Withdrawn by GMC	Disapproved 9 Jun 80
OC-44409	9	None	None	M-911 Truck Tractor	Closed - No Object	Approved 2 Jun 80
OC-44493	10	None	None	Engines for Agrofit or Military Vehicles	Closed - Withdrawn by GMC	Planned 9 Jun 80
OC-44504	10	None	None	SCORT Launch Vehicle	Closed - Withdrawn by Applicable	9 May 80
OC-47110	22	None	None	Lab-3111 for F-7 (MIG) and F-9 (Panavia Twin Engine Fighter Bomber) by GMC	Closed - Withdrawn by GMC	Disapproved 6 Jun 80
OC-48279	1	None	None	Hughes 500M Helicopter	Closed - No Object	Planned 8 Jun 80
OC-48280	4	None	None	Cessna Citation aircraft as flying science laboratory	Closed - No Object	Approved 20 May 80
OC-48313	13	None	None	1000 Silverstar Storage Bunkers	Closed - No Object	Planned 9 Jun 80
				1000 Silverstar Storage Bunkers	Closed - No Object	Planned 9 Jun 80

Aviation Services or Tasks and Support of Element

Task	Priority	Category	Description	Current Status	Current Status
OC-4011	17 Jun 80	Base Laboratories	Anti-aircraft systems, terrain and fire control systems	Closed - Withdrawn by OMC	Planned over 27 Jun 80
OC-4004	4 Jul 80	Base	Role and report of Aircrew equipment	Closed - No Objection	Approved 22 Dec 80
OC-4011	4 Jul 80	Lockheed	C-130A	Closed - No Objection	Approved 21 Jul 80
OC-4014	4 Jul 80	Boeing	MC-120 Aircraft Defense Radar	Closed - No Objection	Approved 24 Dec 80
OC-4014	24 Jul 80	Boeing	133-308 Troop Transport	Closed - No Objection	Approved 23 Dec 80
OC-4049	25 Jul 80	Boeing	Modernize their current inventory of tanks	Closed - Withdrawn by OMC	Planned over 23 Aug 80
OC-4070	26 Jul 80	Boeing	V-150 Armed Car	Closed - Withdrawn by OMC	Planned over 23 Aug 80
OC-5011	7 Aug 80	Boeing Co.	Discussions on Dome Protection System	Closed - No Objection	Planned over 16 Aug 80
OC-5024	17 Aug 80	Boeing	Tech Data on Spaceborne Meteological Sensors/Technology	Closed - Objection	Planned
OC-5040	21 Aug 80	Lockheed	Role and report of Altitude Heading Reference System to provide tactical fighter aircraft	Closed - Withdrawn	Planned over 16 Aug 80
OC-5049	22 Aug 80	Lockheed	Role and report of multiple Integrated Laser Equipment System (ILES), training equipment	Closed - No Objection	Planned over 4 Dec 80

S/N	NAME	CLASS	CONTACT	DESCRIPTION	COUNTRY/REG. ARMED FORCES		COUNTRY/REG. ARMED FORCES
					ARMED FORCES	NON- ARMED FORCES	
AC-5045	27 Aug 80	Forces		Various 7000 Platier/Printer Branches & Ground Launch Vehicle System, Jan 80	Closed - no objection	None	None
AC-5101	9 Sep 80	LTV Transport Corp		Model TCA-116-2 Chassis Range Instrumentation Radar Equipment	Closed - None	None	None
AC-5107		Telodyne		AC/TPC-170 Digital Transmitter Communication System	Closed - Withdrawn by CMC	None	None
AC-5120	10 Oct 80	NECA		Mobile Measurement & Treatment Facility	Closed - Withdrawn by CMC	None	None
AC-5122	10 Oct 80	Raytheon Co.		LP-111 Lab	Closed - Withdrawn by CMC	None	None
AC-5124	6 Oct 80	Westinghouse		Millitized MIL-Components	Closed - None	None	None
AC-5125	17 Oct 80	Litton Systems		M600 Cargo Carrier	Closed - no objection	None	None
AC-5127	18 Nov 80	Electro-Optical		Armored Infantry Fighting Vehicle	Closed - Withdrawn	None	None
AC-5128	3 Nov 80	PMC Corp.		M113A2 Armored Personnel Carrier	Closed - Withdrawn	None	None
AC-5129	3 Nov 80	PMC Corp.		Target Drone Autopilot	Closed - Withdrawn	None	None
AC-5143	19 Jun 81	Loar Binger, Inc					None

PRC Dual-Use Export Cases Referred to DoD by Commerce

Department

Unlike the procedures which govern Munitions Control, the request for a license under the Export Administration Regulations constitutes a request for authorization to ship the item, not to negotiate the sale. The exporter has already negotiated with the ultimate consignee and has a contract in hand. Except for the few cases wherein the applicant has requested an advisory opinion, there is an "order" already in hand which the export will fill.

Therefore while only some of the cases listed herein fall within the purview of the 4 September list, all but the first case listed are for items that an element or Ministry of the PRC has requested. Therefore the items in question are not "hunting" expeditions by U.S. industry.

It is also necessary to point out that Group 2 of the 4 September list relates to a line of Honeywell and Digital Equipment (DEC) computers plus a level of disc drives. The specific DEC computer listed is a militarized version of the very popular PDP 11/34. This system is not manufactured by DEC, but by the Mordin Division of United Technologies.

However the non-militarized version by DEC and computers of comparable or higher performance by other mainframe manufacturers were considered to be included or at least implied under Group 2.

James J. Hower
CAPT., USN
Assistant Director
for Technology Trade

PRC Dual-Use Export Cases Report 1.0001
 Appropriate Group and Category from 1/ Sept 9 October 1980
 List 200 cases with approvable to 4
 Sept 1981

OC Documents

DATA NO.	COMPANY	COMMODITY	REMARKS
None	McDonnell Douglas (no stated cost value)	DC-9-80 licensed production- basic policy involved. Advice and guidance requested. (Joint cooperation in commercial transport aircraft production)	Approval in principle 31 Jan 80
NA OC 6164	387592 391199	0 26,000 CTR Sylvania Demo of voice digitiser	Approval with prov. 17 Jan 80
NA OC 6172	399566 OC 6166	500,000 McDonnell Douglas Corp. Specially designed parts and accessories for use in manufacture of aircraft	Approval 7 Feb 80
N/A OC 6190	397026 373421 373438 OC 6118 373411 OC 6119	6,517 Radiata Corp. 1,000,000 MOSTEK Corp. (price included in back-buy of finished ICs) ICs S.1	Approval - 6 Mar 80 /
NA		NYCAM Optical Heads	Approval with Provisions 22 May 80

ITEM NO.	COMPANY	COMMODITY	REMARKS
401637	Bell Helicopter	Components, accessories and TD for assembly of helicopters	Approval 1 May 80
411261	Tech Data		
401638	Tech Data		
401639	\$ 10,000,000		
401640	\$ 20,000,000		
OC 6188			
406723	Value not given	E.I. DuPont DeMoures & Co.	Denial - 10 Apr 80
OC 6184	\$ 100,000	McDonnell Douglas Corp	Approval - 2 Ares Denial - 5 Ares 10 Apr 80
/A			
400721	\$ 1,501,252	Technology to manufacture Chromium Dioxide Magnetic Tape	No objection with provisions - 18 Apr 80
OC 6185		CDC Units for Multi-Area Machines, Action III	Still working out details with CDC with respect to licensurability.
372913	3	20 Seismic Data Processing Systems with Array Processors	
372917	3		
372920	3		
372921	3		
372925	3		
372926	3		
OC 6187			
354169	1	3 M Company	Approval of tape, but denial of disk pack. until FRC identity and use/users - 24 Apr 80
OC 6187	1	7,575	
354170	1		
OC 6187	1		
354171	1		
OC 6187	1		
354172	1		
OC 6187	1		
354173	1		
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354325	1		
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354326	1		
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354327	1		
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354328	1		
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354329	1		
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354330	1		
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354331	1		
OC 6187	1		
354332	1		
OC 6187	1		
354333	1		
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354334	1		
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354337	1		
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354338	1		
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354339	1		
OC 6187	1		
354340	1		
OC 6187	1		
354341	1		
OC 6187	1		
354342	1		
OC 6187	1		
354343	1		
OC 6187	1		
354344	1		
OC 6187	1		
354345	1		
OC 6187	1		
354346	1		
OC 6187	1		
3543			

<u>ITEM NO.</u>	<u>VALUE</u>	<u>COMPANY</u>	<u>COMMODITY</u>	<u>REMARKS</u>
197446 PC 6175	\$ 4,000,000	Asilomar Industrial Co.	IC Dice	Approved - 22 May 80
420368 PC 6195	\$ 443,345	Cometronics Inc.	Computer System for Uranium Exploration	Approved with proviso 7 August 1980
420369 PC 6195	\$ 10,479.54	Westinghouse Electric Co.	4 Axes CMC Unit, transport from UK	PRC List - 7 August 1980 Semi- /
420376 PC 6195	\$ 2,305,467	Burroughs Corp.	Burroughs B6810 Computer system for UN-sponsored Information processing and training center	Approved - 7 August 80

ITEM NO.	VALUE	COMPANY	COMMODITY	REMARKS
336465 DC 6212	\$ 15,210.00	Digital Equipment Corp.	Report from Japan - VT17 graphic display with VT11 controller, request for advice and guidance	Approved Signature of Major Gen. S. K. A.
40114 OC 6212	\$2,371,592.00	Sperry World Trade	Loan of Univac 1100/11 computer system for "Joint Project" and maintenance training of PRC Personnel	Approved Signature of Major Gen. S. K. A.

TECHNICAL DATA

SR NO.	ITEM	COMPANY	COMMODITY	REMARKS
μA 306491	No stated cost value	United Technologies Corporation	Tech Data for manufacture of selected components of Pratt and Whitney of Canada PT67-6 turboshaft aeroengine.	No objection as long as release is limited to PT67-6 engine as requested - 6 Mar 80
μA 407217	\$159,000,000	Aluminum Co. of America	Tech Data, construction, operation, 3 aluminum smelters, Alcoa 697 pot cell design including ancillary facilities	No objection 25 Feb 80
μA 408742	\$ 2,000,000	Union Oil Co. of California	Tech Data - Design, construction and operation of unicracking hydrocracking unit	No objection 3 Jan 80
μA 413024	\$ 5,000,000 (net)	Asia Budget	Tech Data - Engineering design, construction, operation and maintenance of plant to hydrotreat haphthalene and produce phthalic anhydride from desulphurised naphthalene	No objection
μA 413103	\$159,000,000	Aluminum Co. of America	Tech Data - Bauxite and Lime stone mine and an alumina refinery plant	No objection 11 Apr 80
μA 413012	\$ 1,000,000	Union Carbide Corp	TD for purification of hydrogen using pressure swing absorption system	No objection 18 March 80

<u>ITEM NO</u>	<u>VALUE</u>	<u>COMPANY</u>	<u>COMMODITY</u>	<u>REMARKS</u>
420112	\$ 212,000	Allied Chemical Corp.	Tech Data - construction and maintenance of gas purification plant for removal of acid gases.	No objection 7 Apr 80
420901	\$ 315,000 (approx)	McGraw-Edison Co.	Tech Data - Manufacturing drawings, design, procedures, manuals, specs, training, production of industrial and commercial electrical power shunt capacitors	No objection 9 Apr 80
421001	\$ not yet negotiated	Rohm & Haas Co.	Tech Data for production of acrylic emulsion polymers	No objection 19 Mar 80
421000	\$ not yet negotiated	WABCO Construction and Mining Group	Tech Data - Construction of structural components of off-highway trucks in 120 and 170 tons capacity and final assembly	No objection 21 May 80
420750	\$ 25.00 (Reproduction cost of drawings)	Sperry Corp.	Manufacturing drawings, specs, and test data relating to heavy machinery portion of Sperry Gyrofin Ship Stabilizer	No objection 29 April 80
424314 424315 424316 424317 424318,19	\$ 6,000,000	Shell Development Company	Tech Data - geophysical data offshore including maps	No objection 7 Apr 80

<u>BTM NO.</u>	<u>COMPANY</u>	<u>COMMODITY</u>	<u>REMARKS</u>
PA 414745	Bentfield Corp.	Tech Data for removing carbon dioxide/hydrogen sulfide from synthetic gas	No objection - 21 Feb 80
PA 414903	Cocoa Cola Co. not applicable	Tech Data for construction of a facility to produce Coca Cola	No objection - 24 Jun 80
PA 415628	Rollmount Inc. plus royalties	Tech Data for production of Model 1151 electronics pressure transmitters	No objection to relevant basic tech data 14 Apr 80
PA 416780	Singer Co. not stated	Know-how technical info and tech data for assembly and manufacture of household sewing machines	No objection - 4 Mar 80
PA 416953	Allis Chalmers Corporation not applicable	Blueprints, mechanical drawings, and material specs for proposed package for tractor parts	No objection - 13 Mar 80
PA 418443	Davy McKee Corp.	Tech Data feasibility study for expansion of Chiao and Hsuei gold and silver mines, benefaction plants and recovery plants	No objection - 14 Feb 80
PA 418990	American Cyanamid Company	Tech Data - Titanium dioxide plant and waste treatment plant	No objection - 22 Apr 80
PA 417810	G.E.	Drawings, specs, assembly, test	No objection - 30 Jun 80

6. Training/manuf. of TV reflection

SFR NO.	VALUE	COMPANY	COMMODITY		REMARKS
			Yokes	Spares and drawings related to a Sperry MKJ7 and Mod 1	
410157	\$ 25	Sperry Corp.	Spares and drawings related to a Sperry MKJ7 and Mod 1	No objection - 7 Jul 69	
420944	\$ 3,000.000	G.E.	Drawings, Specs, assembly, tests and training related to assembly of black and white TV cameras and chassis	No objection - 3 Jul 69	
PA 432276	100,000	Sperry Corp.	Drawings, process sheets, specs, quality control and test procedures relating to production of a series of industrial hydraulic control valves	No objection - 17 Jul 69	
PA 437959	\$ no cost value	Sperry Corp.	Request for quotation for manuf. of small vessel autopilot Sperry Model BT	No objection - 10 Jul 69	
PA 440263	\$ no stated	Garrett Corp.	Request for quotation to manuf. parts in PRC on environmental control systems on Boeing 707, 737, 474, 767 model aircraft	No objection - 31 July 69	
PA 445275	\$ not applicable	Keron Corp.	Set of drawings for Keron Model 1300 copying machines	No objection - 11 Jul 69	
PA 506358	\$ n/a	Hughes Tool Co.	Drawings, specs to produce core type rock bits	No objection - 28 Aug 69	

TECHNICAL DATA CASES

STR MO.	VALUE	COMPANY	COMMODITY	REMARKS
43276	\$ 300,000	Sperry Corp.	Manufacturing drawings, process sheets, etc, industrial hydraulic control	No objection 10 July 80
440528	\$ 5,308,000	WEAN United Inc.	TD to galvanizing line, coil painting line and roll forming line associated with cold rolling mill steel plant	Received 13 Aug 80 No objection 6 September 80
501627	\$22,500,000 Plus royalties	Hughes Tool Co.	Know-how, Int., tech assistance and training production and use of oil field rock bits	Received, 30 July 80 Comparable to Direct case for USGA Received 8/7/80
506358	\$ n/a Royalties to be paid	Hughes Tool Co.	Drawings, specs to produce carb type rock bits	Closed by Dr. Carlson

BTR NO.	WAIVER MEMOS			REMARKS
	COMPANY	COMMODITY	VALUE	
384923 W-1375	3 229,640 Cannateau- Gasho Inc. (USA)	Manufacturing equipment for ICA		Deny Waiver Model 701 Approve PWS 500 20 Jan 80
404739 W-1354	3 4,565 Hewlett Packard	Scope and Probe		No objection - 10 Mar '80
4055981 W-1362	3 108,125 Laser Analytics Inc.	Laser source spectrometer	198,960	No objection from techni- cal standpoint, however for USSR should be reviewed after redefinition of procedures 10 Mar 80
400894 W-1371	3 15,000 IBM Corp.	Scope		No objection - 7 Feb 80
409790 W-1378	3 71,680 Keltlley Instruments Inc.	Digital Multimeter		No objection - 14 Feb, 1980
KA 417563 W-1382	3 96,105 31,799 Geometrics Inc.	Magnetometer		No objection - 17 Feb 80
411497 W-1384	3 41,200 Burleigh Instru.	Demo of PCL Laser		No objection - 13 Mar 80

ITEM NO.	VALUE	COMPANY	COMMODITY	REMARKS
416003	8	26,000.98	Fluke Int'l Corp	No objection - 3-11-70
416004		4,011.20	Digital Voltmeters	
416005		10,768.65		
416223		2,227.00		
416224		4,958.05		
416228		8,714.20		
416229		4,430.00		
416230		9,409.50		
416231		7,175.00		
416232		3,709.40		
416233		14,981.95		
417301		8,514.45		
417535		10,140.50		
417536		26,044.18		
428092		18,500.00		
W-1305			Radiometer System	
419335	8	1,000.00		
W-1307				
427021			Communication Service Monitor	No objection - 9-4-70
W-1391				
422949			Demo of Eltex V Alpha Telex Exchange	No objection - 16-11-70
405591			Marine Seismic Streamer Cable	No objection - 16-11-70
W-1389			and related hydrophones	

ITEM NO.	VALUE	COMPANY	COMMODITY	REMARKS
424915 W-1406P	3 435,250	IBM World Trade Corp.	Export of IBM 370/110 Computer System	No objection with provisions - 13 Jun 60
433368 W-1400	3 11,160	Hewlett-Packard	Microwave TWT amplifiers	No objection - 29 May 60
195944 W-1402P	3 182,300	Digital Equipment Corp.	Report from Hong Kong - FOB 11/34 computer system with R101 disc drive and UR 17 graphic display	Approved POP 11/34 denied graphic display 10 Jun 30
420111 W-1403	3 107,554	EG&G Geometrics Division	Magnetometer Systems	Approved - 25 Jun 60
433559 W-1403	3 10,420	RCA	Photomultiplier Tubes	Approved - 21 May 60
437929 W-1410	3 28,000	Hewlett-Packard	Cesium Beam Frequency	Approved - 25 Jun 60
439268 W-1421	3 21,000	EG&G	Spectroradiometer System	Approved - 25 Jun 60
441088 W-1431	3 16,500	Fluke Int'l	Counter	Approved - 10 Jul 60
406180 W-1380P	3 46,120	Hewlett-Packard	Calculator with Frequency	Approved - 10 Jul 60
447116 W-1443	3 10,137	RCA	Photomultiplier	Approved - 16 Jul 60

The two RCA concepts photomultiplier tube
are commercial products/eaches general
of the same type since they belong to the
same field of application and are not
really concept under license.

WAIVER MEMOS			REMARKS	
ITEM NO.	VALUE	COMPANY	COMMODITY	
MA 353693 MA W-11113	\$ 68,000	General Electric	4 ea. EG 1050 MCL CMC units with parts and accessories	1/
MA 420630 W-1390P	\$ 5,223,000	MTS Systems Corporation	Aircraft structural loading and Data Acquisition Systems	No objection 6 October 89
MA 401134 W-1392P	\$ 311,298	Perkin Elmer Computer Systems Div.	Model 8/32 computer system with 300 Mbyte disc drives	1/
MA 390677 W-1401P	\$ 27,763	Tektronix Inc.	Tektronix Graphic Terminal	1/
MA 426906 W-1412	\$ 116,812	Haddan Inc.	Holographic Laser Systems	1/
MA 440964 W-1415P	\$ 15,680	Citation Computer Systems	Intel Microcomputer development system request for advice and guidance	1/
MA 434603 W-1416P	\$ 25,000	Acoustic Technology Corp.	Acoustic Emission Test System	1/
MA 415865 W-1424P	\$ 4,000	Crossaco International Inc.	Single card computers	1/
MA 416959 W-1425P	\$ 45,000	General Telephone & Electronics (GTE)	Proposed demo of a GTE-120 PBX	No objection 1 August 89

<u>STR NO.</u>	<u>VALUE</u>	<u>COMPANY</u>	<u>COMMODITY</u>	<u>REMARKS</u>
442915 W-1429	\$ 16,000.000	Douglas Aircraft Corporation	Search tools (Master tools) used in production of the DC-9-80	No objection - 17 September 80
164225 164226 164231 164234 164273 164228 164229 164232 W-1438	\$ none	Geophysical Services	Seismic Exploration w/cond. 17 September 80	
446051 W-1435	\$ 21,156	Pluto Int'l	Calibrator	
435942 W-1441P	\$ 10,000	IBM World Trade	Maintenance device for IBM disc storage	No objection - 8 September 80
443860 W-1444	\$ 167,492	Apollo Laser, Inc.	Ruby Holographic Laser and Camera System	No objection - 8 September 80
3 16066	\$ 11,200	Infrared Assoc. Incorporated	Infrared detector	Additional info requested - 8 September 80

Search tools (Master tools) used in production of the DC-9-80

<u>ITEM NO.</u>	<u>COMPANY</u>	<u>COMMODITY</u>	<u>REMARKS</u>
431632 432633 -1447	BBF Sales Corporation	Infrared radiation detection equipment	No objection - 23 September 80
302631 502632 502634 502636 502706 W-1452	Analog Devices approx.	Various converters, etc.	
429195 W-1457	Systems, Science and Software	E-Beam Laser Systems	No objection - 29 September 80
506128 W-1458	Hewlett-Packard	Oscilloscope	

BTR NO.	COMPANY	COMMODITY	BTR CASES		REMARKS
			VALUE	DATE	
NA 479561	\$ 12,919	Raytheon Company	Electron tubes, machlett tubes, water, jacket, O-ring gaskets	8 July 60	No objection
BA 611600	\$ 16,969.39	Varian Corp.	Parts for Varian 620L-100 System	16 July 60	No objection
BA 611600	\$ 72,655	Electronic Associates, Inc.	RAI 2000 analog computer	10 July 60	No objection
BA 611600	\$ 21,463	Howlett-Packard	Spectrum analyzer	11 Aug 60	No objection
BA 611600	\$ 210,000	Renton Corp.	Air Traffic control processing and display system, low noise amplifier	11 Aug 60	No objection
NA 611664	\$ 1,125	11-VI Inc.	Zinc Selendite Optical mirrors	15 Aug 60	No objection
BA 447133	\$ 2,017	Matelanal Semiconductor Corporation	LM4250	25 July 60	No objection
BA 447962	\$ 2,970	EG&G	550 radiometer system and accessories	23 July 60	No objection
BA 500691	\$ 1,348,417	Amplex Int'l	Videotape recorders reproducers	25 July 60	No objection
BA 505711	\$ 129,500	Digital Equipment Corp.	1 PDP 11/34 computer system	26 Aug 60	No objection

Test equipment for 11/34, 11/34, 11/34
in either group 3 or 6

SHARES
Approved - 26 Aug 81

COMPANY
Spectrum Analyzer

STK NO.
Hewlett-Packard

VALUE
\$4,677.00

STK NO.
505757

Approved

ITEM NO.	DESCRIPTION	VALUE	COMPANY	ITEM CASES		COMMODITY	REMARKS
				ITEM NO.	DESCRIPTION		
15034 11-VI Inc.	11-VI Inc.	\$ 101,715	11-VI Inc.		Cylindrical grinder, water edge grinder, silicon water grinder	No objection	
1A 441962	MEAM United Incorporated	\$ 16,000	MEAM United Incorporated		DEC PDP 11/04 computers w/28K of core memory	No objection	24 September 80
1A 411141 AM.		\$ 220,339.10	Canberra Industries		Added to include teletype, print head, Fortran programming language to Fortran IV	No objection	13 August 80
1A 502292		\$ 1,366	RCA		VTR 250 cassette video recorder	No objection	
1A 504691		\$ 1,950.00	Kentman Knott Co.		Film	No objection	31 July 80
1A 423553		\$ 11,790.00	Solartron		CPU, LSI, Floppy Disc, . . . decurler, diskettes	No objection	8 September 80
1A 447132		\$ 1,217.00	National Semiconductor Corporation		Translators	No objection	10 September 80
1A 444790 AM.		\$ 20,000.00	Control Data Corporation		Spare parts for CDC Cyber 18-20 computer system	Refer to that	
						8 September 80	

ITEM NO.	VALUE	COMPANY	COMMODITY	REMARKS
A 506153	\$ 2,187.00	Analog Devices Inc.	Converters	
A 507140	\$ 114.00	Eastman Kodak Co.	High Definition Serial file	Deny - 2 Oct 60

<u>STK NO.</u>	<u>COMPANY</u>	<u>COMMODITY</u>	<u>REMARKS</u>
505711	\$ 129,500 Digital Equipment Corp.	1 RDP 11/34 computer system with associated spares, supplies, and software	No objection - 26 Aug 80
504701	\$ 1,056.87 Laser Precision Corporation	Energy ratiometer, probe	No objection - 27 Aug 80

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COMPUTER ITEMS			
<u>ITEM NO.</u>	<u>COMPANY</u>	<u>COMMODITY</u>	<u>REMARKS</u>
401050 CM 2188	4,215 Texas Instruments	Demo of portable terminal incorporating bubble memory device	Denial - 7 Jan 80
406070 470691 389819 (USSR) CM 2221	10,890 28,098 54,812 Norland Corp.	Norland Model 3001 processing digital oscilloscopes	No objection - 28 Jan 80
408927 CM 2257	245,810 Digital Equipment Corporation	DEC PDP 11/34 computer w/RK07 disc drives	No objection - continuing software is minimum required to support current use - 14 Jan 80
405594 CM 2263	700,000 Grant Geophysical Corporation	Seismic data processing system with array transform processor	No objection - concurrent with DOC - 21 Feb 80
406396 410648 CM 2304	54,000 20,000 Mohawk Data Sciences Corp.	2 HDS 21/50 multiple application processing systems	No objection - 10 Mar 80
411826 CM 2307	56,835 Hewlett-Packard	HP1000 Model 30 computer for use in a C-100 planicomp stereoplottng system	No objection - 10 Mar 80
420216 CM 2321	54,000 IBM World Trade Corp.	Service (Customer) engineering education on IBM Series I Computer Systems (Tech Data)	No objection - 22 Feb 80

<u>BTM NO.</u>	<u>COMPANY</u>	<u>COMPONENT</u>	<u>REMARKS</u>
420217 CM 2327	IBM World Trade Corp.	Customer Engineering Education on IBM 4331 Computer System (Tech Data)	No objection provided to understate this will not prejudice US position on hardware - 11 Apr 80
991645 CM 2343	Sackman Assoc.	Model 4047A disc drive, printer and accessories for use with PRC computer	No objection provided to tech data is limited to standard operation and maintenance info 22 Apr 80
419923 CM 2345	Aluminum Co. of America	3 DEC PDP 11/34 computer systems	No objection - 22 Apr 80
421514 CM 2357	Colorado Video Inc.	Digital image processing equipment	No objection - 5 Jun 80
373220 CM 2359	Burroughs Corp.	Burroughs B92 Computer System	No objection - 14 May 80
366452- 366457- 366468- CM 2363	MANC Labs	Enhancement of computer systems with MANC 2263V disk drives	No objection - 25 Jun 80
429821 CM 2368	ASKA AB Sweden	Report from Sweden - 3 ModComp computer systems for use in Electric Power Distribution	No objection - 1 Jul 80

<u>ITEM NO.</u>	<u>VALUE</u>	<u>COMPANY</u>	<u>COMMODITY</u>	<u>REMARKS</u>
100-210	8	445,544	WAVC Labs	Delivery of WAVC Computer Equipment
100-2155	8	123,739	Electronic Associates Inc.	ERI 2000 Analog/Hybrid Computer System
100-2156	8	99,303	Perkin-Elmer	Enhancement of DS-164 computer (PRC Origin) with type numerals
100-2157	8			No objection - 3 JUN 80
100-2158	8			No objection - 29 APR 80
100-2159	8			No objection - 14 MAY 80
100-2160	8			No objection - 14 MAY 80

COMPUTER MEMOS

ITEM NO.	COMPANY	COMMODITY	REMARKS
ITEM NO.	COMPANY	COMMODITY	REMARKS
188139 (PRC)	\$ 132,620	Computerized Source Location	No objection -
390788 (PRC)	\$ 132,620	Systems (Acoustic Emission	19 September 60
420467 (PRC)	\$ 262,748	Monitoring Systems)	
417304 (Burgary)			
CM 2341			
4119601 CM 2367	\$ 1,363,813	IBM World Trade	One IBM 4331 and 2 IBM Series
430289 CM 2390	\$ 10,300	Chow Yang Co. El Cerrito, CA	Microcomputer parts and accessories
434442 CM 2391	\$ 3,000,000	Heath Company Intl Division	2000 sets of HP89 digital computer w/HP 89/H-8-21 disk drive operating systems with Microsoft basic
501007 CM 2395	\$ 106,400	Sachman Assoc.	Parts and components for Nova 4/X Computer used in testing construction material
991909 CM 2414	\$ 1,100,000	Canadian Tabacay	Report from Canada - Computer Systems for Processing Geological data
422794 CM 2341	\$ 260,000	Digital Equipment Corp.	Export of PDP 11/34 computer

ITEM NO.	VALUE*	COMPANY	COMMODITY		REMARKS
			ITEM NO.	DESCRIPTION	
4079 CM 2435	\$ 7,168	Argonne Lab.	Computer and related equipment for Institute for High Energy Physics	No objection - 12 September 80	
5d1795 CM 2421	\$ 70,585	Kennedy Co.	Model 9300 tape drives, 9218 formatters to enhance Command 111 A computer system	No objection - 18 August 80 with conditions	
U/A 414077 CM 2445	\$ 105,591	Texas Instruments	Computer System	No objection - 21 September 80	
U/A 435010 CM 2418	\$ 162,050	Wang Laba	Wang Computer with High EBTR	Concur with Commerce 21 September 80	
U/A 440002 CM 2460	\$ 85,000	Digital Equip- ment Corp.	PDP 11/04 systems with RL111 RL01 disc controller drive	No objection - with conditions 6 October 80	
442634 CM 2464	\$ 100,000	Digital Equip- ment Corp.	PDP 11/34 16 bit CPU with with 2.1 Mbytes semiconductor memory		
445616 CM 2446	\$ 160,000	Systems Tech. Int'l Inc.	DEC PDP 11/34 CPU with RL02 and CAMAC Interface		
501986 CM 2417	\$ 149,230	ICA	2 NOVA 4/r Computer systems	No objection - 21 September 80	

ITEM NO.	VALUE	COMPANY	COMMODITY	REMARKS
503731 CM 2441	\$ 9,680	Taching Import	Proposed denial of IL 1529 equipment	
503796 CM 2462	\$ 276,105.00	Burrroughs Corp.	Demo of Burroughs Computer System	
503771 CM 2641	\$ 8,153.79	Geospace Corp.	Spare parts for AGS C 1704 satellite digital computer processor	

EQUIPMENT THE PRC HAS EXPRESSED INTEREST IN -

NO MONITORING LICENSE APPLICATIONS SUBMITTED

(as of 24 Feb 1981)

EQUIPMENT

COMSAT Gear

U.S. COMPANY

Technical Communications Corp.

OTR Radar

General Electric

Domestic Communications Satellite

Hughes Aircraft

Night Viewing Devices (all types)

Venue, Vato, ITT, et al

TPS-59 Radar

General Electric

Aircraft Engines and Accessories

Pratt-Whitney & GE

Inertial Navigation System (LTK-51)

Littton



~~SECRET~~

OFFICE OF THE UNDER SECRETARY OF DEFENSE

WASHINGTON, D.C. 20330

6 March 1981

RESEARCH AND
ENGINEERING

MEMORANDUM FOR ACTING DEPUTY UNDER SECRETARY (INTERNATIONAL PROGRAMS AND TECHNOLOGY)
DEPUTY ASSISTANT SECRETARY (EAST ASIA & PACIFIC AFFAIRS),
INTERNATIONAL SECURITY AFFAIRS
OFFICE OF GENERAL COUNSEL (INTELLIGENCE, INT'L & INVESTIGATIVE PROGRAMS)
DEFENSE INTELLIGENCE AGENCY (ASS'T VICE DIRECTOR FOR SCIENTIFIC & TECH INTELLIGENCE)
DIRECTOR FOR FAR/MIDDLE EAST/S HEMISPHERE AFFAIRS (DOSD/IP&T)
ORGANIZATION JOINT CHIEFS OF STAFF (JS - FAR EAST/SOUTH ASIA DIV)
DEPARTMENT OF THE NAVY (OP-52)
DEPARTMENT OF THE AIR FORCE (CVAIP)
EXECUTIVE OFFICER, OUSDRE

SUBJECT: PRC MIG-21 Engine Overhaul-Coating Request (S)

(U) On 2 March 1981 (13:25-15:31) I received a phone call from Mr. Lennox E. Black, President of Teleflex, Inc. (parent company of Sermelloy, Inc.). Mr. Black stated that the Chinese (PRC) had told him that the Chromalloy American Corporation had recently received approval from the USG to coat three Chinese MIG-21 aircraft engines with their special ceramic-metallic oxide coatings, and that once coated, the engines were to be returned to the PRC for Chinese test and evaluation.

(U) Mr. Black further indicated that the Chinese would like for his company to likewise coat seven other MIG-21 engines using the Sermelloy-J process. Sermelloy would, like Chromalloy, also return the engines back to China for their test and evaluation. He asked if the Chinese statement was true; and if so, would his company receive the same treatment? I remarked that I would look into the situation and that all companies would be treated the same.

(U) LtC B. K. Meiser, Director, Munitions Control Staff of my Office, reviewed all DoD cases for the PRC and also contacted the Office of Munitions Control (OMC) at State to see if they had either received or approved any such license for the PRC. Neither OUSDRE nor OMC files revealed any such license application or resultant approval. Mr. W. Robinson, Director of OMC, did indicate to LtC Meiser, however, that he had heard there might be such an application forthcoming shortly. Under the present guidelines as noted in Newsletter 81 and subsequent interpretations thereof, license applications of this type cannot be approved. Mr. Robinson further stated that he would either disapprove or return without action (RWA) all such applications.

(U) At my request, Mr. Robinson indicated he would not disapprove or RWA such license applications until we had the opportunity to discuss them in detail. He was also asked to immediately inform us and his superiors whenever the Chinese, Chromalloy or Sermelloy/Teleflex do submit applications for this purpose.

CLASSIFIED BY: DOSD(IP&T)
DECLASSIFY ON: 6 Mar 1987

~~SECRET~~

DECLASSIFIED BY AUTHORITY OF
OSD

21 MAY 98 93-F-2441
DATE

~~SECRET~~

(C) The primary rationale for requesting OIC/State to delay immediate adverse action on these licenses is because of the potential opportunities they provide the new administration. If approved, they would allow the U.S. to cautiously move into a moderate but closer defense relationship with the Chinese; and it would provide the type of technical assistance they have repeatedly emphasized they need with respect to their interceptor aircraft.

(U) Approval in this instance is obviously a major policy decision, and not simply an operational or technical one, even though the number of engines involved is small and the objective is simply to coat the engines, not transfer the technology. For your information, U.S. companies have set up similar coating facilities in both Western European and East Asian (e.g., Japan and Malaysia) countries, and could be approached by the Chinese to perform the same service.

(U) There are, of course, other potential benefits to the U.S., not the least of which would be the excellent opportunity to exploit the Chinese engines for technical intelligence purposes. If considered appropriate, arrangements could probably be made for the U.S. to assist the Chinese in a joint test and evaluation program. This would be extremely helpful to us if proper test controls and conditions were followed and we had access to all of the test results.

(C) An advantage to approving this type of license application is the fact that only the result (or product) of U.S. technology would be exported. Neither the production know-how nor a process-line type of capability would be exported. Of itself, it potentially opens up for consideration other U.S. services which might be made available to help the Chinese improve their overall tactical posture. At the same time, however, this approach would have the PRC dependent upon the U.S. for future services, unless of course, later USC decisions permitted the technology and process equipment to be exported. Providing only services has other advantages as well. It is, for example, much less dramatic and provocative vis-a-vis the USSR, and is consonant with the step-by-step approach to improving US-PRC relations agreed to during earlier meetings with the Chinese. It would most likely require consultations with our COCOM allies, however, as well as a revision of existing guidelines.

(C) The potential disadvantages of approval are those associated with any closer defense relationship with the Chinese. In addition, the Chinese could convey the results of their tests and evaluations to the USSR. The net benefits to China of their doing so are less obvious, however.

(U) This does appear to be one of the more unique opportunities available to move towards a closer US-PRC relationship. It would also start things moving again vis-a-vis the PRC. It appears to have very limited risks for our own security, and does have other side benefits. It must be a conscious move on our part, however, and should be taken only after the relative risks and benefits have been evaluated by OSD, OJCS and the Services.

(U) Your comments and guidance on what action to take regarding the above-mentioned cases are requested.

Francis B. Kappeler
Francis B. Kappeler, Director
Military Technology Planning

~~SECRET~~



THE UNDER SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301

RESEARCH AND
ENGINEERING

24 FEB 1981

MEMORANDUM FOR THE SPECIAL ASSISTANT TO THE SECRETARY AND DEPUTY SECRETARY
OF DEFENSE

SUBJECT: Status Report on PRC Munitions and Commodity Export Cases

As requested, please find attached the following items by tab:

TAB A - PRC munitions cases referred to DoD from 1 January 1980 to
20 January 1981 by the Department of State
3 March

TAB B - PRC Commodity Control export cases referred to DoD by the Department
of Commerce from 1 January to 9 October 1980

TAB C - Military equipment the PRC has expressed strong interest in but for
which no munitions license applications have been submitted

(b) (5) (d) (e) (f)
The updated munitions list (Tab A) should ^{not} be considered a draft as the
Department of State is still in the process of verifying the status of each
case and adding new cases to the list which have come in since 21 January 1981.
As of 20 January, a total of 102 munitions cases have been referred to DoD by
State, and we estimate that approximately 20 additional munitions license
applications have been received since President Reagan's inauguration. All
of these applications will be shown in our 1 March update. Due to an extremely
heavy case load, the Office of Technology Trade has been unable to update the
list of dual-use items covered by the Commodity Control List (CCL). Unless
directed otherwise, we will ask that a complete list of PRC requests for items
on the CCL be sent to the CIA by the Office of Export Administration (OEA) of
the Department of Commerce.

It should be realized that without holding detailed discussions with all of
the U.S. industry representatives doing business with the PRC, there is no
realistic way of knowing precisely everything the Chinese may wish to export
from the U.S. Rather than risk outright disapproval by the U.S. Government,
the Chinese typically try to get U.S. companies to seek an advisory opinion
from the U.S. Government as to whether or not a particular request will be
approved prior to making formal application. For your information, of the
102 munitions cases received from State, nine are still open (i.e., pending)
and 93 have been closed. Of the 93 closed, 50 were approved, four were dis-
approved, 31 were withdrawn and eight were Returned Without Action (RWA).
Almost all of the 39 cases either withdrawn or RWA would have been disapproved
by DoD. The export of the SCOUT Space Launch Vehicle was one such RWA case
we would have strongly disapproved of because of its strategic potential as
a Chinese ICBM.

The Chinese have expressed very keen interest in a number of military items which are either expressly prohibited by current U.S. policy or are not in the categories of equipment permitted for export by Munitions Newsletter #81. The major examples include their specific requests for anti-tank weapons, over the horizon (OTH) radar and for U.S. assistance in improving their F-8 interceptor aircraft, including fire control and inertial navigation systems, ECM gear, etc. We have also informally learned of a number of PRC inquiries for munitions items which neither the Chinese nor U.S. industry have officially requested permission to export. Examples of these are noted at Tab C.

By way of additional background, Dr. Frank Kapper, Director, Military Technology Sharing, OUSDRE did, with Dr. Dinneen's approval, meet with Mr. Charles Neuhauser, Assistant National Intelligence Officer (NIO) for East Asia (now Acting NIO) on 1 July 1980. The purpose of his meeting was to both give and receive information which would be helpful to the CIA on the one hand and to the USDRE during his September visit to China. Mr. Neuhauser was provided copies of all MFR's which documented the meetings with Mr. Liu Huqing and Vice Premier Geng Biao. In addition, the CIA was provided the then most recent copies of the list of munitions and dual-use export cases that had been referred to DoD by the Departments of State and Commerce. Mr. Neuhauser was also given copies of all PRC wish lists including the one given to Dr. Dinneen by Mr. Liu on 6 May 1980. Also provided was a copy of the 3 June 1980 "Summary of United States Department of Defense Positions on PRC Requests for Military Support Equipment". This is the a-b-c category list which identifies items we would consider for export (a); items we felt we needed more information on (b) and items we said we would not consider for export (c). Mr. Neuhauser stated he had accompanied Secretary Brown on his January 1980 trip to China and had also been designated as the CIA focal point for all activities relating to China. A copy of Dr. Perry's trip report on his visit to China was also provided to the CIA.

In short, the CIA in the person of Mr. Neuhauser has already been provided extensive background information on what our earlier discussions with the Chinese were and also on those items which the PRC had expressed specific interest in. CIA also has representation on both the Technical Advisory Committees (TACs) and on the Operating Committee (OC). More specifically, Mr. George Schember of CIA is a non-voting member of the interagency Operating Committee, which is chaired by the Department of Commerce. Mr. Schember serves as the interface for both State and CIA on export license requests for all proscribed countries. As a result of a recent CIA-Commerce agreement, he also has access to any information required by his Agency.

USD P

F. Kapper


Walter B. LaBerge
Acting